

ACRONYMS

A		CM	Conservancy Management	GNRR	Great Northern Railroad	Lmax	maximum sound level
AASHTO	American Association of State Highway and Transportation Officials	CO	carbon monoxide	gpm	gallons per minute	Lmin	minimum sound level
AFFF	aqueous film-forming foam	CO ₂	carbon dioxide	H		LOS	level of service
AHERA	Asbestos Hazard Emergency Response Act	CPS	Coastal Pelagic Species	H ₂ S	hydrogen sulfide	LPAHs	light polycyclic aromatic hydrocarbons
AKART	all known and reasonable technology	CSCSL	Confirmed and Suspected Contaminated Sites List	HAC	High Accident Corridor	LUST	leaking underground storage tank
ANSI	American National Standards Institute	CSLs	Cleanup Screening Levels	HAER	Historic American Engineering Record	M	
APE	Area of Potential Effect	CSO	combined sewer outfalls (overflow)	HAL	High Accident Location	m	meter
AQI	Air Quality Index	Cu	copper	HAPs	Hazardous air pollutants	M&I	Manufacturing and Industrial
AQMPs	Air Quality Maintenance Plans	CWA	Clean Water Act	HC	hydrocarbons	MBTUs	million BTUs
ASTM	American Society for Testing and Materials	cy	cubic yard	HCID	hydrocarbon identification	MG	million gallons
AVO	average vehicle occupancy	CZM	Coastal Zone Management	HCM	Highway Capacity Manual	mg/kg	milligrams per kilogram
AWV	Alaskan Way Viaduct and Seawall Replacement	D		HCT	high-capacity transit	mg/L	milligrams per liter
B		dB	decibels	HOV	high-occupancy vehicle	MIC	Manufacturing and Industrial Center
B&O	business and occupation	dBA	A-weighted decibels	HP	high-pressure	MLLW	mean lower low water
BA	Biological Assessment	DCE	1,2-transdichloroethylene	HPA	Hydraulic Project Approval	mm	millimeter
BE	Biological Evaluation	DCLU	Seattle Department of Design, Construction and Land Use	HPAHs	heavy polycyclic aromatic hydrocarbons	MOEs	measures of effectiveness
BINMIC	Ballard Interbay Northend Manufacturing and Industrial Center	DH	Downtown Harborfront	HSWA	Hazardous and Solid Waste Amendments	mpg	miles per gallon
BMP	Best Management Practices	DNR	Washington State Department of Natural Resources	Hz	hertz (cycles per second)	mph	miles per hour
BNSF	Burlington Northern Santa Fe	DoIT	Seattle Department of Information Technology	I		MSE	mechanically stabilized earth
BP	British Petroleum	DSHS	Department of Social and Health Services	I&M	inspection and maintenance	MTCA	Model Toxics Control Act
BPIP	Building Profile Input Program	E		I-5	Interstate 5	MTP	Metropolitan Transportation Plan
BST	Battery Street Tunnel	EBI	Elliott Bay Interceptor	I-90	Interstate 90	MW	megawatts
BTEX	benzene, toluene, ethylbenzene, and xylenes	ECEAP	Early Childhood Education and Assistance Program	IARC	International Agency for Research on Cancer	N	
BTU	British Thermal Units	Ecology	Washington State Department of Ecology	IC	Industrial/Commercial	NAAQS	National Ambient Air Quality Standards
C		EDC	Economic Development Council	ICT	Intermediate Capacity Transit	NEPA	National Environmental Policy Act
CAA	Clean Air Act	EDR	Environmental Data Resources, Inc.	ICU	Intersection Capacity Utilization	NFA	no further action
Caltrans	California Department of Transportation	EFH	Essential Fish Habitat	IDT	Interdisciplinary Team	NFRAP	no further remedial action is planned
CBD	Central Business District	EIS	Environmental Impact Statement	I-O	input-output	NHPA	National Historic Preservation Act
CBDL	construction, demolition, and land clearing waste	EPA	United States Environmental Protection Agency	IP	intermediate-pressure	NHS	Washington State National Highway System
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980	ERNS	Emergency Response Notification System	ISO	International Organization for Standardization	NMFS	National Marine Fisheries Service, now NOAA Fisheries
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System	ESA	Endangered Species Act	K		NO ₂	nitrogen dioxide
CEVP	Cost Estimate Validation Process	ESD	Washington State Employment Security Department	King County DNR	King County Department of Natural Resources	NOAA	National Oceanic and Atmospheric Administration
CFR	Code of Federal Regulations	F		kph	kilometers per hour	NO _x	nitrogen oxides
CIP	cast-in-place	FAZ	forecast analysis zone	kpl	kilometers per liter	NPDES	National Pollution Discharge Elimination System
City	City of Seattle	FHWA	Federal Highway Administration	kV	kilovolt	NPL	National Priorities List
cm	Centimeter	ft ²	square feet	L		NPRR	Northern Pacific Railroad
		FTA	Federal Transit Administration	LAAS	Larson Anthropological Archaeological Services Limited	NRHP	National Register of Historic Places
		G		Ldn	day/night sound level	NTU	nephelometric turbidity unit
		GIS	Geographic Information System	Leq	equivalent sound level	NWTPH-Dx	northwest total petroleum hydrocarbon-diesel-extended
		GMA	Growth Management Act	LF	lineal feet	NWTPH-G	northwest total petroleum hydrocarbon-gasoline

O		SFD	Seattle Fire Department
O&M	operations and maintenance	SHPO	State Historic Preservation Officer
OAHP	Washington State Office of Archaeology and Historic Preservation	SIG	Seattle International Gateway
OFM	Washington State Office of Financial Management	SIP	State Implementation Plan
OSHA	Occupational Safety and Health Administration	SMC	Seattle Municipal Code
P		SMS	Sediment Management Standards
Pa	Pascal	SMSA	Standard Metropolitan Statistical Area
PAHs	polynuclear (polycyclic) aromatic hydrocarbons	SO2	sulfur dioxide
PAL	Pedestrian Accident Location	SODO	South of Downtown
PB	Parsons Brinckerhoff Quade & Douglas, Inc.	SOV	single-occupancy vehicle
PCBs	polychlorinated biphenyls	SPD	Seattle Police Department
PCE	tetrachloroethylene	SPU	Seattle Public Utilities
pcphpl	passenger car equivalents per hour per lane	SQG	small quantity generator
pcpmppl	passenger car equivalents per mile per lane	SQS	Sediment Quality Screening
PCS	petroleum-contaminated soil	SR 519	State Route 519
PGIS	pollutant-generating impervious surface	SR 99	State Route 99
PHS	Priority Habitats and Species	SR	State Route
PM	particulate matter	SSO	sanitary sewer overflow
POM	polycyclic organic matter	SUVs	sport utility vehicles
ppb	parts per billion	T	
ppm	parts per million	TCE	trichloroethylene
PPV	peak particle velocity	Tera BTUs	million MBTUs
PSCAA	Puget Sound Clean Air Agency	TESC	temporary erosion and sediment control
PSE	Puget Sound Energy	TIP	Transportation Improvement Program
PSI	preliminary site investigation	TMDLs	Total Maximum Daily Loads
PSRC	Puget Sound Regional Council	TNM	Traffic Noise Model
R		TOC	total organic carbon
RCRA	Resource Conservation and Recovery Act	TP	Treatment Plant
RCRIS	Resource Conservation and Recovery Information System	TPH	total petroleum hydrocarbons
RCW	Revised Code of Washington	TSCA	Toxic Substances Control Act
RIMS II	Regional Input Output Modeling System	TSD	treatment, storage, and disposal
RM	River Mile	TSP	total suspended particulates
rms	root mean square	TSS	total suspended solids
RSF	rentable square footage	U	
S		UG	Urban General
SDOT	Seattle Department of Transportation	UGAs	Urban Growth Areas
Seawall	Alaskan Way Seawall	UH	Urban Harborfront
SEM	Seattle Emergency Management	UI	Urban Industrial
SEPA	Washington State Environmental Policy Act	UPRR	Union Pacific Railroad
		USDOT	United States Department of Transportation

USC	United States Code
USCG	United States Coast Guard
USDOE	United States Department of Energy
USDOL	United States Department of Labor
USFWS	United States Fish and Wildlife Service
USPS	United States Postal Service
UST	underground storage tank
V	
V/C	volume to capacity
VdB	vibration decibels
VMT	vehicle miles traveled
VOCs	volatile organic compounds
W	
WAC	Washington Administrative Code
WA-ICR	Washington Site Register of Independent Cleanup Reports
WDFW	Washington State Department of Fish and Wildlife
WHR	Washington Heritage Register
WISHA	Washington Industrial Safety and Health Act
WOSCA	Washington-Oregon Shippers Cooperative Association
WRIA	Water Resource Inventory Area
WSDOT	Washington State Department of Transportation
WTPH-D	Washington Total Petroleum Hydrocarbon-Diesel
WTPH-G	Washington Total Petroleum Hydrocarbon-Gasoline
Y	
yd3	cubic yards
Z	
Zn	zinc
Symbol	
°C	degree Celsius
µg/L	micrograms per liter
µg/m3	micrograms per cubic meter